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|--|----------------------|-------------------|
| <b>DECLARATION FOR UTILITY OR<br/>DESIGN<br/>PATENT APPLICATION</b><br><br><input type="checkbox"/> Declaration Submitted with Initial Filing<br><br><input checked="" type="checkbox"/> Declaration Submitted after Initial Filing (surcharge)<br>(37 CFR 1.16(e) Required) | Attorney Docket No.  | <b>527P021</b>    |
|  | First Named Inventor | Kenneth H. Purser |
|  | COMPLETE IF KNOWN    |                   |
|  | Application Number   | 10/733,779        |
|  | Filing Date          | December 11, 2003 |
|  | Group Art Unit       |                   |
| Examiner Name  |                      |                   |

As a below named inventor, I hereby declare that:  
My residence, mailing address, and citizenship are as stated below next to my name.  
I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

EMITTANCE MEASURING DEVICE FOR ION BEAMS

(Title of the Invention)

the specification of which

☐ is attached hereto

OR

☒ was filed on (MM/DD/YYYY)

December 11, 2003

as United States Application Number or PCT International

Application Number

10/733,779

and was amended on (MM/DD/YYYY)

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

| Prior Foreign Application<br>Number(s) | Country | Foreign Filing Date<br>(MM/DD/YYYY) | Priority<br>Not Claimed  | Certified Copy Attached? |                          |
|--|---------|-------------------------------------|--------------------------|--------------------------|--------------------------|
|  |         |                                     |                          | YES                      | NO                       |
|  |         |                                     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|  |         |                                     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. Section 119(e) of any United States provisional application(s) listed below:

| Application Number(s) | Filing Date (MM/DD/YYYY) |  |
|-----------------------|--------------------------|--|
| 60/432,433            | 12/11/2002               | <input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto. |



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## DECLARATION – Utility or Design Patent Application

Direct all correspondence to:

☒ Customer Number

42754

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR:

☐ A petition has been filed for this unsigned inventor

Given Name

(first and middle [if any])

Kenneth H.

Family Name

or Surname

Purser

Inventor's  
Signature

*Kenneth H. Purser*

Date

*01/09/04*

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NAME OF SECOND INVENTOR:

☐ A petition has been filed for this unsigned inventor

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Family Name

or Surname

Russo

Inventor's  
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*Carl J. Russo*

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Date

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Country

US

☒ Additional inventors are being named on the 1 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.



Please affix a plus sign (+) inside this box



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PTO/SB/01 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

## DECLARATION

### ADDITIONAL INVENTOR(S)

Supplemental Sheet

Page 3 of 3

|   |            |   |       |
|---|------------|---|-------|
| Name of Additional Inventor, if any:            |            | <input type="checkbox"/> A petition has been filed for this unsigned inventor |       |
| Given Name (first and middle [if any])          |            | Family Name or Surname  |       |
| Norman L.                                       |            | Turner  |       |
| Inventor's Signature<br><i>Norman L. Turner</i> |            | Date <i>1/09/04</i>   |       |
| Residence: City                                 | Vero Beach | State   | FL    |
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| City  | Vero Beach | State   | FL    |
|   |            | ZIP   | 32963 |
|   |            | Country   | US    |

|  |  |   |  |
|--|--|---|--|
| Name of Additional Inventor, if any:   |  | <input type="checkbox"/> A petition has been filed for this unsigned inventor |  |
| Given Name (first and middle [if any]) |  | Family Name or Surname  |  |
|  |  |   |  |
| Inventor's Signature                   |  | Date  |  |
| Residence: City                        |  | State   |  |
|  |  | Country   |  |
| Citizenship                            |  |   |  |
| Mailing Address                        |  |   |  |
| City                                   |  | State   |  |
|  |  | ZIP   |  |
|  |  | Country   |  |

|  |  |   |  |
|--|--|---|--|
| Name of Additional Inventor, if any:   |  | <input type="checkbox"/> A petition has been filed for this unsigned inventor |  |
| Given Name (first and middle [if any]) |  | Family Name or Surname  |  |
|  |  |   |  |
| Inventor's Signature                   |  | Date  |  |
| Residence: City                        |  | State   |  |
|  |  | Country   |  |
| Citizenship                            |  |   |  |
| Mailing Address                        |  |   |  |
| City                                   |  | State   |  |
|  |  | ZIP   |  |
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Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



PTO/SB/81 (09-03)  
Approved for use through 11/30/2005. OMB 0651-0035  
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**POWER OF ATTORNEY  
and  
CORRESPONDENCE ADDRESS  
INDICATION FORM**

|                        |                        |
|------------------------|------------------------|
| Application Number     | 10/733,779             |
| Filing Date            | December 11, 2003      |
| First Named Inventor   | Kenneth H. Purser      |
| Title                  | Emittance Measuring... |
| Art Unit               |                        |
| Examiner Name          |                        |
| Attorney Docket Number | 527P021                |

I hereby appoint:

☒ Practitioners associated with the Customer Number:

42754

OR

☒ Practitioner(s) named below:

| Name            | Registration Number |
|-----------------|---------------------|
| Kevin S. Lemack | 32,579              |
| Henry C. Nields | 17,029              |
| Robert Frame    | 54,104              |

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

☒ The address associated with the above-mentioned Customer Number:

OR

☐ The address associated with Customer Number:

OR

|   |                              |       |              |     |       |
|---|------------------------------|-------|--------------|-----|-------|
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I am the:

☒ Applicant/Inventor.

☐ Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

**SIGNATURE of Applicant or Assignee of Record**

|           |                          |                      |                         |
|-----------|--------------------------|----------------------|-------------------------|
| Name      | Kenneth H. Purser        | Carl J. Russo        | Norman L. Turner        |
| Signature | <i>Kenneth H. Purser</i> | <i>Carl J. Russo</i> | <i>Norman L. Turner</i> |
| Date      | 01/09/04                 |                      | 01/09/04                |
| Telephone |                          |                      |                         |

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

☐ \*Total of \_\_\_\_\_ forms are submitted.

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comment on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.